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Bulletin 404

August, 1953

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

Department of Agronomy

Results of Seed Tests for 1953

Made for the
STATE DEPARTMENT OF AGRICULTURE

By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

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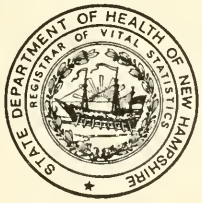

By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
DURHAM, N. H.

RESULTS OF SEED TESTS

Made July 1, 1952, to June 30, 1953

This report contains the results of the seed inspection work for the State Department of Agriculture of 715 official samples collected throughout the state during the period from July 1, 1952, to June 30, 1953, by Mr. George H. Laramie, Seed Control Supervisor, and Mr. Harold Ayer, Inspector. In addition to these official samples, 1362 private samples were analyzed, making a total of 2077 samples inspected.

Wholesalers are listed in alphabetical order except when samples are presumed to have been carried over, in which case they are listed alphabetically by dealers. The New Hampshire seed law requires that both agricultural and vegetable seeds must be labeled with the calendar month and year when last tested for germination, and requires that this germination test shall have been completed within nine months of being offered for sale. In the following tables, if the date of test was within the prescribed nine months, the sample is marked satisfactory, "S" in this respect; if no date was given, the word "None" appears indicating a violation; if the date was a violation of the law because the test was not made within nine months, the date given on the tag or label appears in that column.

The first part of the report deals with 160 samples of agricultural seed tested for purity, germination and noxious weed content. There is a tolerance or allowable variation from the guarantee for both purity and germination, in accordance with the Rules for Seed Testing adopted by the Association of Official Seed Analysts, so that, for instance a sample of timothy guaranteed 99.20 for purity and 85% for germination could test as low as 98.25% for purity and 77% for germination and be "satisfactory." If a sample when tested for purity falls within the allowable variation, it is marked "S" (satisfactory); if below the allowable variation, and therefore a violation, the actual figure found for purity is given. The same is true for germination in the case of agricultural seeds.

The second part of the report applies to 555 samples of vegetable seeds which were tested for germination only. The New Hampshire seed law requires that unless each packet or other container is plainly marked "Below Standard" together with the percentage of germination, vegetable seeds must test up to the prescribed standard for that kind of seed, and that there is no tolerance from the adopted standards. In the column headed "Found" if the same was up to standard, an "S" (satisfactory) appears. The exception to this is in the case of a given sample being marked with a gurantee, which is not required if vegetable seed is up to standard; then, if the seed is found to be below the regular tolerance from that guaranteed figure, the figure found upon test followed by "†" is listed as "mislabeled" even though it might in some cases be up to standard.

The 1953 Legislature changed paragraph V, Sec. 3, of the New Hampshire Seed Law relative to secondary noxious weeds. The new wording is given on page 4 of the law, which follows:

STATE OF NEW HAMPSHIRE

CHAPTER 224, REVISED LAWS
(As inserted by Chapter 54 Laws of 1943)

AN ACT
To Regulate the Labeling, Sale and Offering or Exposing for Sale, of Agricultural and Vegetable Seeds.

Agricultural and Vegetable Seeds

1. **Definitions.** Terms used in this chapter shall be construed as follows:

I. The term "agricultural seeds" shall include the seeds of grass, forage, cereal and fiber crops and any other kinds of seeds commonly recognized within this state as agricultural or field seeds, and mixtures of such seeds.

II. The term "vegetable seeds" shall include the seeds of those crops which are grown in gardens or on truck farms and are generally known and sold under the name of vegetable seeds in this state.

III. The term "weed seeds" shall include the seeds of all plants generally recognized as weeds within this state, and shall include noxious weed seeds.

IV. Noxious weed seeds shall be divided into two classes, "primary noxious weed seeds" and "secondary noxious weed seeds" as herein defined; provided, that the commissioner of agriculture may add to or subtract from the list of seeds included under either definition whenever he finds that such additions or subtractions are within the respective definitions.

V. "Primary noxious weed seeds" shall include the seeds of perennial weeds such as those that reproduce and spread by underground roots or stems as well as by seed and which, when established, are highly destructive and difficult to control in this state by ordinary good cultural practice. Primary noxious weed seeds in this state are the seeds of: Canada thistle (Cirsium arvense), field bindweed (Convolvulus arvensis), and quackgrass (Agropyron repens).

VI. "Secondary noxious weed seeds" shall include the seeds of such weeds as are very objectionable in field, lawns, or gardens of this state, but can be controlled by good cultural practices. The secondary noxious weed seeds in this state are the seeds of: dodder (Cuscuta spp.) and crab grass (Digitaria sanguinalis).

VII. The term "labeling" includes all labels, and other written, printed, or graphic representations, in any form whatsoever, accompanying and pertaining to any seed whether in bulk or in containers, and includes invoices.

VIII. The term "advertisement" means all representations, other than those on the label, disseminated in any manner or by any means, relating to seed within the scope of this chapter.

2. **Label Requirement.** Each separate container of agricultural or vegetable seed, including seeds in small packets, which is sold, offered for sale, or exposed for sale, within this state for sowing purposes shall bear thereon or have attached thereto in a conspicuous place a plainly written or printed label or tag in the English language, giving the information as set forth in sections 3 and 4.

3. **Agricultural Seeds.** For agricultural seeds the following is required:

I. Commonly accepted name of kind, or kind and variety, of each agricultural seed component in excess of five per cent of the whole and the percentage by weight of each. Where more than one component is required to be named, the word "mixture" or "mixed" shall be associated with the name on the label.

II. Lot number or other lot identification.

III. Origin, if known, of alfalfa, red clover and field corn (except hybrid corn). If the origin is unknown, that fact shall be stated.

IV. Percentage by weight of all weed seeds, including those known as noxious weeds.

V. If present, the names of the kinds of secondary noxious-weed seeds and the rate of occurrence of each: (A) Per ounce in Agrostis spp., Poa spp., Rhodes grass, Bermuda grass, timothy, orchard grass, fescues, alsike and white clover, reed canary grass, Dallis grass, ryegrass, foxtail millet, crimson clover, Brassica spp., flax, Agropyron spp., and other agricultural seeds of similar size and weight, or mixture within this group, and

(B) Per pound in proso, Sudan grass, wheat, oats, rye, barley, buckwheat, sorghums, vetches, and other agricultral seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group. All determinations of noxious-weed seeds shall be subject to tolerances and methods of determination prescribed in the rules and regulations under this chapter.

VI. Percentage by weight of agricultural seeds other than those required to be named on the label.

VII. Percentage by weight of inert matter.

VIII. For each named agricultural seed, percentage of germination, exclusive of hard seed, percentage of hard seed, if present, and the calendar month and year the test was completed to determine such percentages.

IX. Name and address of the person who labeled said seed, or who sells, offers, or exposes said seed for sale within this state.

4. **Vegetable Seeds.** For vegetable seeds, the following is required:

I. Name of kind and variety of seeds, and the calendar month and year when last tested for germination.

II. For seeds which germinate less than the standard last established by the commissioner of agriculture hereunder, and in type not

smaller than ten point size: percentage of germination exclusive of hard seed; percentage of hard seed, if present; and the words, "below standard."

III. Name and address of the person who labeled said seed, or who sells, offers or exposes said seed for sale within this state.

5. **Illegal Sales.** It shall be unlawful for any person to sell, offer for sale or expose for sale any agricultural or vegetable seed within this state:

I. Unless the test to determine the percentage of germination required by sections 3 and 4 shall have been completed within a nine-month period, exclusive of the calendar month in which the test was completed, immediately prior to sale, exposure for sale, or offering for sale or transportation.

II. Not labeled in accordance with the provisions hereof, or having a false or misleading labeling.

III. Pertaining to which there has been a false or misleading advertisement.

IV. Any agricultural seeds containing any primary noxious weed seeds except as may be allowed under tolerances prescribed in the rules and regulations hereunder.

6. **Prohibitions.** It shall be unlawful for any person within this state:

I. To detach, alter, deface, or destroy any label provided for herein or the rules and regulations made and promulgated hereunder, or to alter or substitute seed, in a manner that may defeat the purposes hereof.

II. To disseminate any false or misleading advertisement concerning agricultural or vegetable seed in any manner or by any means.

III. To hinder or obstruct in any way any authorized person in the performance of his duties hereunder.

IV. To fail to comply with a "stop sale" order.

7. **Exemptions.** The provisions of sections 2 to 6, inclusive, do not apply to seed or grain not intended for sowing purposes, nor to seed in storage in, or consigned to, a seed cleaning or processing establishment for cleaning or processing, provided, that any labeling or other representation which may be made with respect to the unclean seed shall be subject to the provisions hereof.

8. **Exceptions.** No person shall be subject to the penalties hereof for having sold, offered or exposed for sale in this state any agricultural or vegetable seeds, which were incorrectly labeled or represented as to kind, variety, or origin which seeds cannot be identified by examination thereof, unless he has failed to take all proper precautions to insure the identity to be that stated in accordance with rules and regulations hereunder.

9. **Duties and Authority of Commissioner of Agriculture.** The commissioner of agriculture, who may act through his authorized agents, shall have the power:

I. To sample, inspect, make analyses of, and test, agricultural and vegetable seeds transported, sold, offered or exposed for sale within

this state for sowing purposes, at such time and place and to such extent as he may deem necessary to determine whether said agricultural or vegetable seeds are in compliance with the provisions hereof, and to notify promptly the person who transported, sold, offered or exposed the seed for sale, of any violation.

II. To prescribe, and after public hearing to adopt, rules and regulations governing the methods of sampling, inspecting, analysis, tests, and examination of agricultural and vegetable seed, and the tolerances to be followed in the administration hereof, which shall be in general accord with officially prescribed practice in interstate commerce, and such other rules and regulations as may be necessary to secure the efficient enforcement hereof.

III. To enter upon any public or private premises during regular business hours in order to have access to seeds subject to this chapter and the rules and regulations promulgated hereunder.

IV. To issue written or printed "stop sale" orders which shall prohibit further sale of any lot of agricultural or vegetable seed which the commissioner has reason to believe is in violation of any of the provisions hereof until the law has been complied with or said violation otherwise legally disposed of: Provided, that no "stop sale" order shall be issued or attached to any lot of seed without first giving the owner or custodian of such seed an opportunity to comply with the law or to withdraw the seed from sale.

V. To establish and maintain or make provision for seed testing facilities, to employ qualified persons, and to incur such expenses as may be necessary to comply with these provisions.

VI. To make or provide for making purity and germination tests of seeds for farmers and dealers on request; to prescribe rules and regulations governing such testing; and to fix and collect charges for the tests made. All fees collected hereunder shall be paid over by the commissioner to the state treasurer who shall keep the same in a special fund to be used only for the purposes of this chapter.

VII. To co-operate with the United States Department of Agriculture in seed law enforcement.

10. **Seizure.** Upon the recommendation of the commissioner of agriculture or his duly authorized agents, the court of competent jurisdiction in the area in which the seed is located shall cause the seizure and subsequent denaturing, processing, or destruction to prevent the use for sowing purposes of any lot of agricultural or vegetable seed found to be unfit for sowing purposes: Provided, that in no instances shall the denaturing, processing, or destruction be ordered without first having given the claimant of said seed an opportunity to apply to said court for the release of said seed.

11. **Penalties.** Whoever violates any of the provisions of this chapter or any rule or regulation promulgated hereunder shall be fined not exceeding one hundred dollars for the first offense and not exceeding two hundred and fifty dollars for each subsequent offense. Fines collected hereunder shall be paid, by the court collecting the same, to the commissioner of agriculture and by him forwarded to the state treasurer for the use of the state.

12. **Publication.** The commissioner of agriculture shall publish, or cause to be published, the results of test and analyses of samples of agricultural and vegetable seeds, as herein provided, together with the names and addresses of the persons from whom the samples of seed were obtained. He may publish such other information as he may deem advisable concerning the value, character and use of certain seeds.

13. **Takes Effect.** This act shall take effect upon its passage. Approved March 10, 1943.

Sampling.

(a) In order to secure a representative sample, equal portions shall be taken from evenly distributed parts of the quantity of seed to be sampled. Access shall be had to all parts of that quantity.

(b) For free-flowing seed in bags or bulk, a probe or trier shall be used. For small free-flowing seed in bags, a probe or trier long enough to sample all portions of the bag should be used.

(c) Non-free-flowing seed, such as certain grass seed, uncleaned seed, or screenings, difficult to sample with a probe or trier, shall be sampled by thrusting the hand into the bulk and withdrawing representative portions.

(d) The portions shall be combined into a composite sample or samples.

(e) As the seed is sampled, each portion shall be examined, and whenever there appears to be a lack of uniformity, additional samples shall be taken to show such lack of uniformity as may exist.

Bulk seeds shall be sampled by inserting a long probe or thrusting the hand into the bulk as circumstances require in several uniformly distributed parts of the quantity being sampled.

Bags. (1) In quantities of five bags or less, each bag shall be sampled.

(2) In quantities of more than five bags, at least every fifth bag but not less than five bags shall be sampled. Samples shall be drawn from unopened bags except under circumstances where the identity of the seed has been preserved.

In sampling packet seeds, entire unopened packets shall be taken.

Size of sample. The following are minimum weights of samples of seed to be submitted for analysis, test, or examination:

(1) Two ounces of grass seed not otherwise mentioned, white or alsike clover, or seeds not larger than these.

(2) Five ounces of red or crimson clover, alfalfa, ryegrass, bromegrasses, millet, flax, rape, or seeds of similar size.

(3) Two pounds of cereals, vetches, or seeds of similar or larger size.

(4) Two quarts of screenings.

Analysis.

The New Hampshire seed laboratory will be guided in making purity and germination tests by the rules and regulations prescribed under the Federal Seed Act.

Tolerance.

Owing to the natural variation between tests, the following tolerances shall be allowed between the percentages found by analysis, test or examination and the percentages stated on the tag accompanying the seed:

For purity: Allowing "a" to represent the component being considered and "b" the difference between that percentage and 100, according to the following formula:

$$\text{Pure seed tolerance} = 0.6 + \left(0.2 \times \frac{a \times b}{100} \right)$$

a sample of timothy guaranteed 99.20% could test as low as 98.25% and be "satisfactory."

For germination: The following tolerances are applicable:

Healthy sprouts found by test in each 100 seeds	Tolerance
96 or over	5
90 or over but less than 96	6
80 or over but less than 90	7
70 or over but less than 80	8
60 or over but less than 70	9
Less than 60	10

Therefore, a sample of seed guaranteed 85% for germination may be as low as 77% and be "satisfactory."

For weed seeds: The law requires in the labeling of agricultural seed (1) that the percentage of all weed seeds present shall be shown on the tag, (2) that no primary noxious weed seeds shall be present in the sample, and (3) that, if present, the names of the kinds of secondary noxious weed seed and the rate of occurrence of each shall be stated: (A) Per ounce in Agrostis spp., Poa spp., Rhodes grass, Bermuda grass, timothy, orchard grass, fescues, alsike and white clover, reed canary grass, Dallis grass, ryegrass, foxtail millet, crimson clover, Brassica spp., flax, Agropyron spp., and other agricultural seeds of similar size and weight, or mixtures within this group, and

(B) Per pound in proso, Sudan grass, wheat, oats, rye, barley, buckwheat, sorghums, vetches, and other agricultural seeds of a size and weight similar to or greater than those within this group, or any mixtures within this group.

Certain tolerances are allowed, however, to provide for variation and unavoidable errors. but only within very narrow limits and for which there is always a standard formula for computation. Examples: (1) Timothy guaranteed only 2 per cent weed seeds will not be condemned if it has a 2.59 per cent. (2) No primary noxious weed seeds are allowed, but the presence of two such seeds in 50 grams of timothy would not be considered a violation. (3) Similarly, some slight variation from the minimum requirement for labeling secondary noxious weed seeds will be passed as satisfactory.

Free Testing

The Seed Testing Laboratory will allow two free tests, in a given year, to any resident company or person of New Hampshire, but such seeds must be received in the laboratory during the months of October, November, December and January. This number of samples, not including mixtures, may be analyzed either for purity or for germination, or one sample for both purity and germination, free of charge. A

given seed company will be entitled to two private tests without charge, but not two from each branch store. For numbers in excess of two, a charge will be made for labor and consumable supplies only, the amount depending on the type of sample according to the following schedule:

Germination tests of all vegetable seeds, 30 cents;

Germination tests of all agricultural crop seeds and grasses, 50 cents;

Germination tests of mixtures, 50 cents for each kind of seed present;

Purity analyses of cereals, timothy and larger crop seeds and legumes, $1.00;

Purity analyses of small grasses, $2.00; unhulled redtop, $2.50;

Purity analyses of mixtures, including those for lawn and pasture seeding, a charge sufficient to cover the actual cost of working the sample submitted for test, minimum charge of $2.50.

Such private samples of seed to be tested should be drawn in such a way as to be representative of the bulk lot from which they are taken, and should be addressed to the State Seed Testing Laboratory, Durham, New Hampshire. Such private tests cannot be declared as state official tests unless drawn by a representative of the department of agriculture, as provided in Chapter 224 of the Public Laws. Fees must be paid before reports will be sent out.

The minimum weights of samples to be submitted for analyses are:

1. Two ounces of grass seed, white or alsike clover, or seeds not larger than these.

2. Five ounces of red or crimson clover, alfalfa, rye grasses, millet, rape, or seeds of similar size.

3. One pound of cereal, vetches or seeds of similar or larger size.

The minimum number of seeds of any one kind to be submitted for a germination test is 400.

Germination Standards for Vegetable Seed.

Following are the germination standards established by the commissioner of agriculture pertaining to Section four of the act entitled Vegetable Seeds.

Artichoke	60	Cabbage	75
Asparagus, including hard seeds	70	Chinese cabbage	75
Beans, garden (varieties other than Rival, Topcrop and Logan)	75	Carrot	55
Beans, garden (varieties Rival, Topcrop and Logan)	70	Cauliflower	75
Beans, horse or broad	75	Celery and celeriac	55
Beans, lima	70	Chicory	65
Beans, runner	75	Citron	65
Beets	65	Collards	80
Broccoli	75	Corn	75
Brussels sprouts	70	Cress, garden	60
		Cress, water	40
		Cucumber	80
		Dandelion	45
		Eggplant	60

Endive	70	Radish	75
Fetticus (cornsalad)	70	Rhubarb	60
Kale	75	Rutabaga	75
Kohlrabi	75	Salsify	75
Leek	60	Sorrel	60
Lettuce	80	Soybean	75
Muskmelon	75	Spinach (except New Zealand)	60
Mustard	75	Spinach (New Zealand)	40
Okra	50	Squash	75
Onion	70	Swiss Chard	65
Parsley	60	Tomato	75
Parsnip	60	Tomato, husk	50
Peas	80	Turnip	80
Pepper	55	Watermelon	70
Pumpkin	75		

Labeling.

The following labels are suggested as meeting the minimum requirements of the New Hampshire seed law.

Example for unmixed agricultural seed:

John F. Doe Company
Greene, N. H.

Mammoth Clover

Pure seed	98.65
Crop seed	.86
Weeds	.38
Inert matter	.11

Origin Idaho

1 dodder per oz.

Lot No. 243

Germination	80%
Hard seeds	7

Date of test Jan. (current year)*

Example for mixed agricultural seed:

John F. Doe Company
Greene, N. H.

Grass seed, mixed

Purity:	
Perennial rye grass	32.23%
Chewing rescue	18.08
Kentucky bluegrass	14.75
Canada bluegrass	15.37
Creeping bent	14.20
Crop seed	.61
Weed seed	2.07
Inert matter	2.69

5 Crabgrass per oz.

Lot No. 0236

Germination:	
92.5%	Jan. (current year)*
85.0%	Jan. (current year)*
80.0%	Jan. (current year)*
58.5%	Jan. (current year)*
84.0%	Jan. (current year)*

Example for vegetable seed:

(Up to standard)	New York Lettuce John Smith, Dale Ill. Date of germination test: Feb. 7 (cur. yr.)*
(For vegetable seed which germinates less than standard)	New York Lettuce John Smith, Dale Ill. Date of germination test: Feb. 7 (cur. yr.)* Germination 75% BELOW STANDARD

The law states that "each separate container of agricultural or vegetable seed, including seeds in small packets, shall be labeled"; but if a dealer has bulk lots of seeds exposed for sale and these bulk lots are properly labeled, he shall not be required to copy the information from the label on to each individual bag in which he delivers small lots of this bulk seed over the counter to customers.

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* "Current year in this sample labeling means the month and year of the last germination test which must be stated and be within nine (9) months of the date the seeds are offered or exposed for sale. See par. 5 Section 1 of the law itself."

New Hampshire Experiment Station

AGRICULTURAL SEED INSPECTION, 1953

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*		Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
ALLEN, STERLING & LOTHROP, Portland, Me.				(Note)	(Note)	(Note)	(Note)	(Note)	
Arthur L. Potter, Conway									
Alsike clover, 4493	4328	S	L	99.00	.69	.10	.21	90	Germination below guarantee.
			F	S	S	S	S	79	
Buckwheat, Japanese, 3353	4330	S	L	99.24	.00	.05	.71	86	
			F	S	S	S	S	S	
Ladino clover, B-2550	4329	S	L	99.51	.43	.03	.03	90	
			F	S	S	S	S	S	
Timothy, 4339	4327	S	L	99.65	.15	.05	.15	85	
			F	S	S	S	S	S	
BRECK'S, Boston, Mass.									
Cavis Bros., Bristol									
Timothy, 65-48	4250	S	L	99.75	.05	.02	.18	84	
			F	S	S	S	S	S	
ARTHUR R. CONE, INC., Buffalo, N. Y.									
General Mills, Inc., Exeter									
Alfalfa, 28551	4012	S	L	99.54	.30	.08	.08	73	
			F	S	S	S	S	S	
Alsike clover, 25-579	4008	S	L	99.18	.34	.28	.20	78	
			F	S	S	S	S	S	
Hungarian millet, 90-250	4010	S	L	98.26	.06	1.00	.08	52	
			F	S	S	S	S	S	
Red clover, Medium, 15 x 912	4009	S	L	99.50	..	.10	.40	92	
			F	S	S	S	S	S	
Sweet Sudan Grass, 92-64	4007	S	L	97.22	1.07	.05	1.66	81	
			F	S	S	S	S	S	
Timothy, 10-127	4011	S	L	99.50	.25	.12	.13	80	
			F	S	S	S	S	S	
General Mills, Inc., Nashua									
Rye, Spring, 56 x 270	4049	S	L	99.28	.41	Trace	.31	87	
			F	S	S	S	S	S	
F. B. Spaulding Co., Lancaster .									
Corn, Arco 85 Hybrid, 84 x 438	4355	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Oats, Beaver, 50-555	4354	S	L	99.65	.05	.01	.29	90	
			F	S	S	S	S	S	
Red clover, Medium, 15 x 967	4356	S	L	99.20	.38	.34	.08	85.75	
			F	S	S	S	S	S	

* As stated on accompanying tag. "S" in this column indicates that date of test was in compliance with law. Figures or "None" indicate violation.
Note: L=Label; F=Found. "S" in the Found line indicates that the sample was satisfactory in relation to the guarantee. Figures indicate violation.

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Pure Seed	Other Crop Seed	Weed Seed	Inert Matter	Germination	Remarks
ARTHUR R. CONE, INC., Buffalo, N. Y. (continued)			(Note)	(Note)	(Note)	(Note)	(Note)	
Sunshine Feed Store, Manchester								
Alfalfa, Ranger, 28-616	4062	S	L 99.89	..	.04	.07	95	
			F S	S	S	S	S	
Alsike clover, 25-604	4061	S	L 98.33	.86	.69	.12	79	
			F S	S	S	S	S	
Canada Field peas, 60-43	4057	S	L 99.50	..	..	.50	90	
			F S	S	S	S	S	
Corn, Westbranch Sweepstakes, 80 x 564	4059	S	L 99.50	..	..	.50	85	
			F S	S	S	S	S	
Ladino clover, 35-133	4060	S	L 99.67	.08	.02	.23	86	
			F S	S	S	S	S	
Oats, Victory, 50 x 479	4058	S	L 99.50	..	..	.50	90	
			F S	S	S	S	S	
Sunshine Feed Stores, Inc., West Lebanon								
Corn, Westbranch Sweepstakes, 80 x 565	4106	S	L 99.50	..	..	.50	90	
			F S	S	S	S	S	
Japanese Millet, 90 x 384	4107	S	L 99.77	.10	.03	.10	80	
			F S	S	S	S	S	
Ladino clover, 35-130	4109	S	L 99.90	.05	.01	.04	75.5	
			F S	S	S	S	S	
Timothy, 10-167	4108	S	L 99.80	.15	.05	..	93.5	
			F S	S	S	S	S	
H. B. DAVIS SEED CO., Albany, N. Y.								
Holbrook Grocery Co., Keene								
Brome Grass, Domestic, 97-21	4199	S	L 98.32	..	.02	1.66	85	
			F S	S	S	S	S	
Buckwheat, 86-32	4203	S	L 99.80	..	.02	.18	85	
			F S	S	S	S	S	
Corn, Westbranch Sweepstakes, 72-383	4200	S	L 99.00	..	..	1.00	93	
			F S	S	S	S	S	
Corn, Cornell 11, 72-337	4201	S	L 99.00	..	..	1.00	93	
			F S	S	S	S	S	
Corn, Wis. 355 Hybrid, 72-339	4204	S	L 99.50	..	..	.50	90	
			F S	S	S	S	S	
Japanese Millet, 81-4	4198	S	L 98.71	.01	1.14	.14	80	
			F S	S	S	S	S	
Sweet clover, Yellow Blossom, 28-27	4205	S	L 99.25	.55	.10	.10	85	
			F S	S	S	S	S	
THE ALBERT DICKINSON CO., Chicago, Ill.								
Holbrook Grocery Co., Keene								
Alfalfa, Grimm, 27198	4206	S	L 99.42	.26	.16	.16	74	
			F S	S	S	S	S	

Mixture, Evergreen Lawn Seed, 36312	4207	S	L		..	.60	8.45	
			F	S	S	S	S	
Kentucky bluegrass			L	38.25				80
								S
Common Ryegrass			L	29.40				94
			F	S				S
Redtop			L	18.40				90
			F	S				S
White clover			L	4.90				74
			F	S				S
Timothy 66505	4202	S	L	99.70	.10	.05	.15	90
			F	S	S	S	S	S
Merrimack Farmers' Exch., Inc., Franklin								
Timothy, 66483	3860	S	L	99.60	.05	.05	.30	92
			F	S	S	S	S	S
Merrimack Farmers' Exch., Inc., Nashua								
Vetch, Hairy, 9919	3781	S	L	99.21	.30	.01	.48	78
			F	S	S	S	S	S
EASTERN STATES FARMERS' EXCH., Inc., West Springfield, Mass.								
Eastern States Farmers' Exch., Inc., Concord								
Alfalfa, Ranger, 649	3767	S	L	99.50	.05	.05	.40	77
			F	S	S	S	S	S
Birdsfoot trefoil, 1271	3764	S	L	98.43	1.10	.23	.24	71
			F	S	S	S	S	S
Brome, Smooth, Lincoln type	3765	S	L	89.10	.15	.25	10.50	75
			F	S	S	S	S	S
Hungarian millet, 1248	3760	S	L	99.00	.10	.20	.70	85
			F	S	S	S	S	S
Japanese millet, 1204	3758	S	L	99.00	.05	.60	.35	80
			F	S	S	S	S	S
Ladino clover, 761	3759	S	L	99.50	.05	.05	.40	65
			F	S	S	S	S	S
Redtop, Fancy Solid, 614	3762	S	L	97.00	.25	.15	2.60	90
			F	S	S	S	S	S
Ryegrass, Domestic, 626	3761	S	L	99.00	.25	.25	.50	90
			F	S	S	S	S	S
Sudan Grass, 1952	3763	S	L	98.50	.25	.20	1.05	80
			F	S	S	S	S	S
Timothy, 1275	3766	S	L	99.50	.13	.14	.33	86
			F	S	S	S	S	S
Eastern States Farmers' Exch., Inc., Woodsville								
Alfalfa, Narragansett, 788	4228	S	L	99.50	.03	.03	.44	55
			F	S	S	S	S	S
Corn, Ohio Hybrid M-15, 1238	4231	S	L	99.50	..	..	.50	90
			F	S	S	S	S	S
Corn, Wis. 416 AA Hybrid, 1284	4234	S	L	99.50	..	..	.50	90
			F	S	S	S	S	S

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EASTERN STATES FARMERS' EXCH., Inc., West Springfield, Mass. (continued)				(Note)	(Note)	(Note)	(Note)	(Note)	
Eastern States Farmers' Exch., Inc., Woodsville (continued)									
Corn, Wis. 279 Hybrid, 1235	4235	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Mixture, Hay & Pasture No. 3, 1232	4229	S	L		..	..	..		
			F		.09	.22	.13		
Red clover, Kenland			L	30.00				65	
			F	S				S	
Ladino clover			L	10.00				75	
			F	S				S	
Alfalfa			L	30.00				52	
			F	S				S	
Timothy			L	30.00				86	
				S				S	
Mixture, Hay & Pasture No. 5, 1240	4230	S	L		.14	.13	.32		
			F		S	S	S		
Red clover, Kenland			L	45.00				64	
			F	S				S	
Ladino clover			L	15.00				75	
			F	S				S	
Timothy			L	40.00				86	
			F	S				S	
Red clover, Kenland	4226	S	L	99.50	.10	.10	.30	74	
			F	S	S	S	S	S	
Red clover, Penn Scott, 785	4227	S	L	99.50	.04	.24	.22	67	
			F	S	S	S	S	S	
Red clover, Medium, N. Y., Mich., Ohio, 1246	4232	S	L	99.45	.22	.25	.08	80	
			F	S	S	S	S	S	
Vetch, Hairy, 1279	4233	S	L	99.50	.20	.05	.25	70	
			F	S	S	S	S	S	
EDGEWOOD FARMS, INC., Ridgefield, N. J.									
W. T. Grant Co., Rochester									
Lawn Clover Seed, White Dutch Clover	3684	S	L	97.00	1.00	.49	1.51	60	
			F	S	S	S	S	S	
FARMERS' FEED & SUPPLY CO., Berlin									
Farmers' Feed & Supply Co., Berlin									
Alsike clover, 21435	4339	S	L	98.45	1.20	.10	.25	87	
			F	S	S	S	S	S	
Red clover, Medium, 50638	4340	S	L	99.76	.12	.02	.10	72	
			F	S	S	S	S	S	

G. L. F. COOPERATIVE EXCHANGE, Buffalo, N. Y.								
Merrimack Farmers' Exch., Inc., Concord								
Alfalfa, Certified Ranger, N 1357	3705	S	L 99.90	Trace	Trace	.10	90	
			F S	S	S	S	S	
Alsike clover, NB 575	3709	S	L 99.30	.30	.25	.15	90	
			F S	S	S	S	S	
Brome Grass, Smooth Lincoln type, NB 791	3707	S	L 99.25	.04	.03	.68	77	Purity below guarantee; inert matter excessive.
			F 90.26	S	S	8.71	S	
Ladino clover, Certified, PB 2078	3706	S	L 99.80	Trace	.05	.15	80	
			F S	S	S	S	S	
White Dutch clover, N 1220-V 512	3708	S	L 99.30	.63	Trace	.07	90	
			F S	S	S	S	S	
CHAS. C. HART SEED CO., Wethersfield, Conn.								
Kiniry Hardware, Claremont								
White Dutch clover	4306	S	L 99.12	.10	.08	.70	85	No lot No. given.
			F S	S	S	S	S	
Sunshine Feed Store, Keene								
Rye, Rosen	3683	S	L 99.30	.30	.05	.35	90	No lot No. given.
			F S	S	S	S	S	
MERRIMACK FARMERS' EXCH., INC., Concord								
Merrimack Farmers' Exch., Inc., Franklin								
Alfalfa, Ranger, 2028511	3862	S	L 99.78	.02	.08	.12	84	
			F S	S	S	S	S	
Alsike clover, ZNB-367	3864	S	L 98.00	1.35	.25	.40	78	
			F S	S	S	S	S	
Canada Field peas, 2085647	3861	S	L 99.45	.04	.01	.50	81	
			F S	S	S	S	S	
Ladino clover, PB 2078	3863	S	L 99.80	Trace	.05	.15	80	
			F S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Goffstown								
Alfalfa, Ranger, N 1357	4296	S	L 99.90	..	..	.10	71	
			F S	S	S	S	S	
Corn, Yellow Sweepstakes, 2843	4294	S	L 99.00	..	..	1.00	81	
			F S	S	S	S	S	
Oats, Ajax	4295	S	L 99.90	..	..	.10	90	No lot No. given.
			F S	S	S	S	S	
Rape, 95-11	4293	S	L 98.97	..	..	..	78	Purity statement incomplete.
			F S	.12	.05	.49	S	
Merrimack Farmers' Exch., Inc., Keene								
Bluegrass, Kentucky, 32785	3831	S	L 86.70	.10	.50	12.70	80	
			F S	S	S	S	S	
Soybeans, Kingwa, 2084516-9	3829	S	L 98.49	.37	.16	.98	72	
			F S	S	S	S	S	
Timothy, M 560	3830	S	L 99.70	.05	.15	.10	84	
			F S	S	S	S	S	

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MERRIMACK FARMERS' EXCH., INC., Concord (continued)			(Note)	(Note)	(Note)	(Note)	(Note)	
Merrimack Farmers' Exch., Inc., Nashua								
Alfalfa, Grimm, NB 376	3780	S	L 99.35	.05	.35	.25	70	
			F S	S	S	S	S	
Corn, Westbranch Sweepstakes, 5515	3776	S	L 99.00	..	..	1.00	88	
			F S	S	S	S	S	
Corn, Cornell 29-3, 5310	3779	S	L 99.50	..	..	.50	86	
			F S	S	S	S	S	
Corn, Wisc. 240 Hybrid, 3961	3782	S	L 99.50	..	..	.50	90	
			F S	S	S	S	S	
Golden millet, Z 082291	3777	S	L 98.70	.26	.04	1.00	90	
			F S	S	S	S	S	
Ladino clover, Certified, PB 2078	3778	S	L 99.80	Trace	.05	.15	80	
			F S	S	S	S	S	
White Dutch clover, Z 26814	3859	S	L 98.00	1.80	.15	.05	91	
			F S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Peterboro								
Alfalfa, Grimm, 27148	4053	S	L 99.68	.10	.10	.12	93	Germination below guarantee.
			F S	S	S	S	81	
Alsike clover, ZUB 367	4051	S	L 98.00	1.35	.25	.40	78	Germination below guarantee.
			F S	S	S	S	61.5	
Canada field peas, 2085647	4054	S	L 99.45	.04	.01	.50	81	
			F S	S	S	S	S	
Corn, Cornell 29-3, 5310	4055	S	L 99.50	..	..	.50	86	
			F S	S	S	S	S	
Ladino clover, Certified, PB 2078	4050	S	L 99.80	..	.05	.15	80	
			F S	S	S	S	S	
White Dutch clover, N 1220-V 512	4052	S	L 99.30	.63	..	.07	90	
			F S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Pittsfield								
Brome Grass, Smooth, NB 791	3968	S	L 99.25	.04	.03	.68	77	Both purity and germination below guarantee.
			F 89.78	S	S	9.44	60	
Japanese millet, 5151	3964	S	L 98.62	..	1.32	.06	63	
			F S	S	S	S	S	
Kentucky bluegrass, 32785	3966	S	L 86.70	.10	.50	12.70	80	
			F S	S	S	S	S	
Lawn Seed, Lot No. 100	3965	S	L	.38	.30	8.17		
			F	S	S	S		
Poa trivialis			L 8.90				89	
			F S				S	
Kentucky bluegrass			L 34.10				80	
			F S				S	
Timothy			L 9.95				82	
			F S				S	

White Dutch clover			L	7.80			87
			F	S			S
Red fescue			L	9.40			89
			F	S			S
Common ryegrass			L	11.80			93
			F	S			S
Redtop			L	9.20			90
			F	S			S
Ryegrass, Common, 038473	3967	S	L	99.26	.02	.36	.36	95
			F	S	S	S	S	S
Red clover, Medium, 24142	3969	S	L	99.48	.42	.06	.04	84
			F	S	S	S	S	S
PARK & POLLARD CO., Buffalo, N. Y.								
Farmers' Feed & Supply Co., Berlin								
Timothy, 66277-79	4343	S	L	99.70	.05	.10	.15	90
			F	S	S	S	S	S
THE PAGE SEED CO., Greene, N. Y.								
Folansbee Feed Store, Lebanon								
Corn, Cornell M-4, 211359-442	4126	S	L	99.95	..	..	.05	98
			F	S	S	S	S	S
Corn, Smoky Dent, 2001	4127	S	L	99.00	..	..	1.00	90
			F	S	S	S	S	S
Red clover, Medium, L 98253	4125	S	L	99.53	.03	.34	.10	90
			F	S	S	S	S	S
O. M. SCOTT & SONS CO., Marysville, Ohio								
Moreau's Dept. Hardware Store, Manchester								
Bentgrass, Colonial, No. 17, 90901	3745	S	L	98.00	..	.09	1.91	80
			F	S	S	S	S	S
Lawn Seed Mixture, 91501	3794	S	L		..	.09	3.49	
			F			S	S	
Kentucky bluegrass			L	69.89				75
			F	S				S
Poa trivialis			L	16.75				75
			F	S				S
Highland bentgrass			L	9.78				80
			F	S				S
White clover, 1-731008	3744	S	L	98.00	..	.09	1.91	70
			F	S	S	S	S	S
SEARS, ROEBUCK & CO., Chicago, Ill.								
Sears, Roebuck & Co., Concord								
Grass Seed, Cross Country, A 83	4171	S	L		.12	.08	2.20	
			F		S	S	S	
Kentucky bluegrass			L	70.16				80
			F	S				S
Redtop			L	21.50				90
Highland bent			L	5.94				90
Agrostis spp. (Redtop & Highland Bent)			F	S				S

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F. B. SPAULDING CO., Lancaster				(Note)	(Note)	(Note)	(Note)	(Note)	
F. B. Spaulding Co., Lancaster									
Alsike clover, 25604	4351	S	L	98.33	.86	.69	.12	79	
			F	S	S	S	S	S	
STANFORD SEED CO., Buffalo, N. Y.									
Chase Grain Mill, Plymouth									
Corn, Stanford Silobred, HS 3923	4246	S	L	99.50	..	..	.50	95	
			F	S	S	S	S	S	
Corn, Yellow Sweepstakes, 3895	4247	S	L	99.00	..	..	1.00	90	
			F	S	S	S	S	S	
Red clover, Medium, 3680	4248	S	L	99.00	.45	.15	.40	85	
			F	S	S	S	S	S	
Colebrook Feed Co., Colebrook									
Barley, Moore, 680W, 5685	4331	S	L	99.00	.63	.05	.32	90	
			F	S	S	S	S	S	
Brome Grass, Domestic, 5664	4336	S	L	92.00	..	..	8.00	80	
			F	S	S	S	S	S	
Japanese millet, 5151	4335	S	L	98.62	..	1.32	.06	80	
			F	S	S	S	S	S	
Timothy, 5546	4334	S	L	99.75	.03	.09	.13	90	
			F	S	S	S	S	S	
Dover Grain Co., Dover									
Alfalfa, Grimm, 3778	4164	S	L	99.50	.15	.10	.25	80	
			F	S	S	S	S	S	
Corn, Yellow Sweepstakes, 3895	4168	S	L	99.00	1.00	..	..	90	
			F	S	S	S	S	S	
Corn, Leaming, 3755	4169	S	L	99.00	1.00	..	..	85	
			F	S	S	S	S	S	
Corn, Cornell 2-93, A3LF1	4170	S	L	99.76	..	..	.24	98	
			F	S	S	S	S	S	
Hungarian millet, 3332	4165	S	L	99.90	..	.08	.02	90	
			F	S	S	S	S	S	
Japanese millet, 1206	4166	S	L	98.32	..	1.62	.06	85	
			F	S	S	S	S	S	
Timothy, 5421	4167	S	L	99.65	.04	.18	.13	90	
			F	S	S	S	S	S	
Folansbee Feed Store, Lebanon									
Oats, Clinton Affidavit, 1105	4128	S	L	99.50	.10	.03	.37	90	
			F	S	S	S	S	S	
Londonderry Grain Co., Londonderry									
Alfalfa, Grimm, 3778	4307	S	L	99.50	.15	.10	.25	80	
			F	S	S	S	S	S	
Japanese millet, 1206	4308	S	L	98.32	..	1.62	.06	85	Germination below guarantee.
			F	S	S	S	S	58	

Meredith Grain Co., Meredith								
Rye, Winter, 5727	4273	S	L	98.87	.05	.05	1.09	85	
			F	S	S	S	S	S	
Merrimack Farmers' Exch., Inc., Pittsfield								
Hungarian millet, 3332	3970	S	L	99.90	..	.08	.02	90	
			F	S	S	S	S	S	
WHITNEY SEED CO., Buffalo, N. Y.								
Checkerboard Feed Store, Concord								
Brome Grass, Domestic, 3806	4056	S	L	89.38	.14	.53	9.95	75	
			F	S	S	S	S	S	
Corn, Funk's Hybrid, 910	3910	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Hungarian millet, 48539	3908	S	L	99.78	.08	.06	.08	80	
			F	S	S	S	S	S	
Japanese millet, 46574	3913	S	L	99.53	..	.20	.27	85	
			F	S	S	S	S	S	
Redtop, 40536	3912	S	L	93.60	1.00	.20	5.20	85	
			F	S	S	S	S	70	Germination below guarantee.
Timothy, 1292	3911	S	L	99.65	.05	.20	.10	90	
			F	S	S	S	S	S	
Derby's Dept. Store, Peterboro								
Grass Seed, Shady Spot Special	4070	S	L		..	.45	4.35		
			F	S	S	S	S		
Poa trivialis			L	21.85				80	Germination of Poa trivialis below guarantee.
			F	S				58.5	
Kentucky bluegrass			L	9.60				70	
			F	S				S	
Red fescue			L	14.25				80	
			F	S				S	
Timothy			L	14.85				75	
			F	S				S	
Domestic ryegrass			L	34.65				85	
			F	S				S	
Farmers' Feed & Supply Co., Berlin								
Redtop, 40536	4341	S	L	93.60	1.00	.20	5.20	85	
			F	S	S	S	S	S	
Farmers' Feed & Supply Co., Colebrook								
Alfalfa, Certified Ranger, 2188	4359	S	L	99.74	.02	.02	.22	85	
			F	S	S	S	S	S	
Barley, 6-row, 80561	4364	S	L	99.01	.76	.01	.22	81	Germination below guarantee.
			F	S	S	S	S	55.5	
Corn, Cornell 29-3, 71332	4357	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Corn, Wisc. 240, Maine B Hybrid, 71321	4358	S	L	99.50	..	..	.50	90	
			F	S	S	S	S	S	
Corn, Early August, 70655	4362	S	L	99.50	..	..	.50	85	
			F	S	S	S	S	S	

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WHITNEY SEED CO., Buffalo, N. Y. (continued)				(Note)	(Note)	(Note)	(Note)	(Note)	
Corn, Minn. 13, 70660	4363	S	L	99.50	..	..	.50	82	
			F	S	S	S	S	S	
Corn, Funk's C 7-20, C-29	4365	S	L	99.75	..	..	.25	90	
			F	S	S	S	S	S	
Ladino clover, 56 L 30	4361	S	L	99.46	.10	.14	.30	65	
			F	S	S	S	S	S	
Reed canary grass, 3920	4360	S	L	99.40	..	.05	.55	70	Germination below guarantee.
			F	S	S	S	S	43	
Moreau's Dept. Hardware Store, Manchester									
White clover, 2153 S	3739	S	L	97.00	1.00	.30	1.70	80	
			F	S	S	S	S	S	
Moulton & Goodwin, Portsmouth									
Alsike clover, 1562	3957	S	L	98.30	1.50	.15	.05	75	
			F	S	S	S	S	S	
Buckwheat, 8181	3955	S	L	98.82	.32	.14	.62	90	
			F	S	S	S	S	S	
Oats, Clinton Certified No. 11, 82761	3958	S	L	99.78	.01	.01	.20	94	
			F	S	S	S	S	S	
Red clover, Medium, 50647	3948	S	L	99.68	.12	.02	.18	81	
			F	S	S	S	S	S	
Redtop, 40536	3960	S	L	93.60	1.00	.20	5.20	85	
			F	S	S	S	S	S	
Ryegrass, Perennial, 4323	3961	S	L	99.60	.02	.08	.30	90	
			F	S	S	S	S	S	
The George Pritchard Co., Dover									
Alsike clover, 1553	3972	S	L	98.40	1.30	.05	.25	63	
			F	S	S	S	S	S	
Buckwheat, Japanese, 8181	3971	S	L	98.82	.32	.14	.62	90	
			F	S	S	S	S	S	
Golden millet, 4980	3973	S	L	99.02	.22	.02	.74	80	
			F	S	S	S	S	S	
Redtop, 40536	3974	S	L	93.60	1.00	.20	5.20	85	
			F	S	S	S	S	S	
Timothy, 1297	3975	S	L	99.60	.15	.10	.15	90	
			F	S	S	S	S	S	
S. D. WOODRUFF & SONS, INC., Orange, Conn. **Westboro Hardware, West Lebanon**									
White Dutch clover, Extra Fancy, 25373 ..	4239	S	L	99.35	.45	.15	.05	85	
			F	S	S	S	S	S	

It is presumed that the following samples of seed were carried over by the dealer from the previous season; hence, the name of the wholesaler is omitted.

Barnett's General Store, Colebrook									
Corn, Minn. 13, 70660	4367	3/1952	L	99.50	..	..	.05	90	Not tested within 9 months.
			F	S	S	S	S	S	
Checkerboard Feed Store, Concord									
Alfalfa, Grimm, 09332	3909	5/1952	L	99.74	..	.08	.08	89	Not tested within 9 months.
			F	S	S	S	S	75	Germination below guarantee.

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VEGETABLE SEED INSPECTION, 1953

Name and Address of Wholesaler Name and Address of Dealer or Place Collected Kind of Seed	Sample No.	Date Tested*	Germination		
			Found	Guaranteed**	N. H. Standard
			(Note)		
ALLEN, STERLING & LOTHROP, Portland, Me.					
Barnett's General Store, Colebrook					
Beet, Detroit Dark Red	4368	S	S	70	65
Cucumber, Straight Eight	4372	S	S	50	80
Pumpkin, Small Sugar	4371	S	S	89	75
Rutabaga, American Purple Top	4366	S	S	83	75
Squash, Golden Hubbard	4369	S	S	66	75
Swiss Chard, Lucullus	4370	S	S	80	65
Carroll County Hardware, North Conway					
Beans, Low's Champion	4374	S	S	90	75
Beans, Golden Wax	4376	S	S	85	75
Beans, Soldier	4378	S	S	90	75
Corn, Golden Sunshine	4375	S	S	90	75
Peas, Gradus	4373	S	S	87	80
Peas, Improved Tall Telephone	4377	S	80†	90	80
ASSOCIATED SEED GROWERS, INC., Cambridge, N. Y.					
Northwood Hardware, Northwood					
Beans, Kentucky Wonder	4262	S	S	95	75
Corn, Golden Cross Bantam	4260	S	S	91	75
Peas, Telephone	4261	S	S	85	80
Peas, Laxtonian Progress	4263	S	S	85	80
W. E. AUBUCHON CO., Inc., Fitchburg, Mass.					
W. E. Aubuchon Co., Inc., Derry					
Beans, Pencil Pod Black Wax	3774	S	S	90	75
Corn, Golden Bantam	3773	S	S	90	75
Peas, American Wonder	3772	S	S	..	80
Peas, Improved Telephone	3775	S	S	90	80
W. E. Aubuchon Co., Inc., Milford					
Beans, Improved Golden Wax	3887	S	S	..	75
Beans, Black Wax	3889	S	S	..	75
Corn, Golden Bantam	3888	S	S	..	75
BRECK'S, Boston, Mass.					
Borcher's Hardware, Salem Depot					
Endive, Full Heart Batavian	3802	S	S	70	70
Lettuce, New York Iceburg type	3800	S	S	80	80
Rutabaga, American Purple Top	3801	S	S	75	75
Tomato, Jubilee	3803	S	S	75	75
Derby's Dept. Store, Peterboro					
Carrot, Imperator	4072	S	S	55	55
Parsley, Champion Moss Curled	4071	S	S	60	60
Follansbee's Feed Store, Lebanon					
Muskmelon, Bender's Surprise	4023	S	S	75	75
Onion, Southport White Globe	4025	S	S	70	70
Fox Hardware, Penacook					
Carrot, Chantenay	3818	S	S	55	55
Radish, Long Icicle	3815	S	S	75	75
Squash, Giant Summer Crookneck	3817	S	S	75	75
Gardner, Inc., Concord					
Lettuce, Salad Bowl	4317	S	S	..	80
Celeriac, Large Prague	4318	S	S	..	55
Hardware House, Durham					
Broccoli, Italian	4186	S	S	75	75
Carrot, Danvers Half Long	4183	S	S	55	55
Cucumber, Boston Pickling	4189	S	S	80	80

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			Found	Guaranteed**	N. H. Standard
			(Note)		
BRECK'S, Boston, Mass. (continued)					
Hardware House, Durham (continued)					
Parsnip, Hollow Crown	4188	S	S	60	60
Radish, French Breakfast	4185	S	S	75	75
Tomato, Certified Marglobe	4184	S	S	75	75
Watermelon, White Mountain	4187	None	S	..	70
C. M. Hildreth Hardware, Lebanon					
Beans, Black Wax	4116	S	S	80	75
Beet, Detroit Dark Red	4117	S	S	90	65
Corn, Spancross Hybrid	4119	S	S	90	75
Corn, Golden Sunshine	4120	S	S	90	75
Peas, Dwarf Telephone	4118	S	S	85	80
Keene Hardware, Keene					
Endive, Green Curled, 5938	4391	S	S	70	70
Kohl Rabi, Early White Vienna, 5956	4392	S	S	..	75
Lettuce, Oak Leaf, 6132	4390	S	71	80	80
Martin's Hardware, Newport					
Beans, Pencil Pod Black Wax	4122	S	S	75	75
Dandelion, 5454	4121	S	S	70	45
Lettuce, Bibb	4123	S	S	80	80
Radish, Early Scarlet Globe	4124	S	S	75	75
H. P. Maxfield, Pittsfield					
Cauliflower, White Bouquet, 5502	3997	S	S	..	75
Celery, Giant Pascal, 5642	3993	S	S	..	55
Cucumber, Improved Long Green, 5866	3992	S	S	80	80
Lettuce, White Paris Cos	3994	S	S	..	80
Parsnip, Hollow Crown, 6521	3995	S	S	..	60
Pepper, Large Bell, 6456	3996	S	S	..	55
Rand Hardware, Plymouth					
Beans, Dwarf Top Notch Golden Wax	4210	S	S	85	75
Beans, Kentucky Wonder Pole	4212	S	S	85	75
Beans, Vermont Cranberry	4213	S	S	85	75
Beans, Pencil Pod Black Wax	4214	S	S	80	75
Beet, Detroit Dark Red	4218	S	S	90	65
Corn, Golden Sunshine	4216	S	S	90	75
Corn, Golden Bantam	4217	S	S	90	75
Peas, World's Record	4211	S	S	90	80
Peas, Tall Telephone	4215	S	S	90	80
BURNHAM & MORRILL CO., Portland, Maine ..					
Burnham & Morrill Co., Pittsfield					
Corn, Dearborn Dingo	4274	S	S	91	75
Corn, Seneca Golden	4275	S	S	85	75
Corn, Stearns Bros.	4276	S	S	85	75
W. ATLEE BURPEE, Philadelphia, Pa.					
Milligan & Currier, Manchester					
Beans, Burpee's Stringless Green Pod	3877	S	S	75	75
Onion, Southport Yellow Globe	3879	S	S	75	70
Turnip, Purple Top White Globe	3878	S	S	80	80
Watermelon, Dixie Queen	3876	S	S	75	70
New Hampshire Stores, Inc., Manchester					
Beet, Crosby's Egyptian	4143	S	S	75	65
Cabbage, Danish Roundhead	4147	S	S	80	75
Carrot, Goldinhart	4142	S	S	65	55
Celery, Burpee's Fordhook	4144	S	S	65	55
Corn, Golden Cross Bantam	4138	S	S	80	75
Corn, Sweet Marcross	4140	S	S	80	75
Peas, Burpena Early Dwarf	4141	S	S	80	80
Pepper, Merrimack Wonder	4146	None	S	..	55
Tomato, Valiant, Certified	4145	None	S	..	75
Tomato, Victor	4148	None	S	..	75

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			(Note)		
NEW HAMPSHIRE STORES, INC., Manchester (continued)					
Suncook Hardware, Suncook					
Beans, Pencil Pod Black Wax	4032	S	S	75	75
Carrot, Chantenay	4029	S	S	65	55
Corn, Golden Cross Bantam	4031	S	S	80	75
Endive, Broad Leaved Batavian	4028	S	S	80	70
Lettuce, Salad Bowl	4030	S	S	80	80
COMSTOCK, FERRE & CO., Wethersfield, Conn.					
Hammar Hardware, Nashua					
Beans, Dwarf Horticultural	4039	S	S	90	75
Parsnip, Hollow Crown	4037	S	S	84	60
Peas, Blue Bantam	4038	S	S	90	80
Squash, Winter	4040	S	S	90	75
ARTHUR R. CONE, INC., Buffalo, N. Y.					
Follansbee's I. G. A. Store, Bristol					
Beans, Pencil Pod Black Wax	4196	S	S	85	75
Beet, Detroit Dark Red	4191	S	S	85	65
Corn, Improved Golden Bantam	4192	S	S	85	75
Peas, World's Record	4193	S	S	85	80
Peas, Dwarf Telephone	4194	S	S	85	80
Peas, Thomas Laxton	4197	S	S	85	80
Squash, Green Delicious	4195	S	76†	85	75
THE COUNTY STORES, INC., Milford					
The County Stores, Inc., Milford					
Beans, Pole Horticultural	3982	S	S	85	75
Beet, Detroit Dark Red	3976	S	S	75	65
Beet, Early Wonder	3986	S	S	75	65
Corn, Hybrid Sweet	3983	S	S	80	75
Cucumber, Fordhook Pickling	3985	S	S	..	80
Lettuce, Oak Leaf	3979	S	S	..	80
Lima beans, Pole	3981	S	S	75	70
Lima beans, Fordhook bush	3984	S	S	75	70
New Zealand Spinach	3987	S	S	..	40
Peas, Early Wrinkled	3978	S	S	85	80
Squash, Butternut	3977	S	S	80	75
Squash, Blue Hubbard	3980	S	S	80	75
CROSSMAN SEED CORP., East Rochester, N. Y.					
Montgomery Ward Co., Claremont					
Asparagus, Mary Washington	4091	S	S	75	70
Corn, Marcross Hybrid, C6 x C13	4090	S	S	85	75
Cucumber, Improved Long Green	4088	S	S	85	80
Lettuce, Imperial No. 44	4085	S	S	85	80
Parsnip, Hollow Crown	4086	S	S	70	60
Radish, Long Black Spanish	4089	S	S	80	75
Radish, Early Scarlet Globe	4093	S	S	85	75
Squash, Blue Hubbard	4094	S	S	85	75
Swiss Chard, Fordhook Giant	4087	S	S	..	65
Turnip, Purple Top White Globe	4092	S	S	80	80
EASTERN STATES FARMERS' EXCHANGE, INC., West Springfield, Mass.					
Eastern States Farmers' Exchange, Inc., Concord					
Cucumber, Ohio MR17, V 40 404	3854	S	S	90	80
Cucumber, Straight Eight, V 854A 412	3858	S	S	80	80
Kale, Blue Scotch, V 858 483	3856	S	S	75	75
Lettuce, Pennlake, 781 518	3855	S	S	85	80
Lettuce, Black Seeded Simpson, 881 544	3857	S	S	90	80
Eastern States Farmers' Exchange, Inc., Dover					
Beet, Perfected Detroit, V 780 146	3943	S	S	80	65
Broccoli, Early One, 564 202	3938	S	S	85	75
Cabbage, Penn State Ballhead, 721 263	3937	S	S	..	75
Carrot, Chantenay, V 991 326	3939	S	S	80	55
Cucumber, Marketer, V 855-2 414	3936	S	S	90	80
Cucumber, A & C Special, V 680 416	3940	S	S	90	80

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			(Note)		
EASTERN STATES FARMERS' EXCHANGE, INC., West Springfield, Mass. (continued)					
Eastern States Farmers' Exchange, Inc., Dover (continued)					
Parsnip, Improved Hollow Crown, V 948 647 ..	3941	S	S	90	60
Popcorn, Popinjay, V 485-1 350	3942	S	S	85	..
Eastern States Farmers' Exchange, Inc., Manchester					
Cabbage, Wisconsin Ballhead, 451 269	3731	S	S	90	75
Cabbage, Bonanza, 844-A 245	3733	S	S	90	75
Corn, Golden Cross Bantam, V 798 448	3725	S	S	80	75
Corn, Hoosier Gold, V 802 444	3728	S	S	90	75
Peas, Freezonian, V 793 682	3726	S	S	90	80
Peas, World's Record, V 789-A 681	3727	S	S	90	80
Pepper, Early Giant, V 888-A 732	3730	S	S	90	55
Pepper, California Wonder, V 481 735	3734	S	S	65	55
Tomato, Pennheart, V 749-1 914	3729	S	S	90	75
Tomato, Valiant, V 806 619	3732	S	S	90	75
Tomato, Rutgers, V 633 835	3735	S	S	90	75
Tomato, Pritchard, V 872 923	3736	S	S	75	75
Eastern States Farmers' Exchange, Inc., Woodsville					
Beet, Eastern Wonder, V 878 126	4222	S	S	90	65
Brussels Sprouts, Catskill, V 841 214	4224	S	S	75	70
Cucumber, Niagara, V 47 413	4219	S	S	90	80
Popcorn, Popinjay, V 485-1 350	4220	S	S	85	..
Rutabaga, Alberger, V 722 996	4225	S	S	90	75
Spinach, New Zealand, V 720 870	4221	S	S	85	40
Tomato, Stokesdale, V 915 919	4223	S	S	85	75
Laconia State School, Laconia					
Beans, Contender, V772-28	3914	S	S	80	75
Beet, Crosby's Egyptian, 876-125	3919	S	S	80	65
Carrot, Long Chantenay, V768-322	3917	S	S	80	55
Corn, Golden Cross Bantam, V970-448	3918	S	S	90	75
Cucumber, Ohio, MR17, V996-404	3916	S	S	90	80
Parsnip, Model, V949-643	3915	S	S	85	60
Peas, Gilcrest Wrinkled, 529-2	3920	S	S	85	80
Peas, World's Record, V935-681	3921	S	S	90	80
N. H. State Prison Farm, Concord					
Muskmelon, V824-563	3923	S	S	85	75
Parsnip, Imp. Hollow Crown, V948-647	3922	S	S	90	60
Radish, Early Scarlet Globe, V 617 823	3925	S	S	90	75
Squash, Butternut, V71-806	3927	S	S	90	75
Turnip, Amber Globe, V16-968	3924	S	S	90	80
Watermelon, V18-571	3926	S	S	90	70
EMPIRE SEED CO., INC., Fredonia, N. Y.					
Milligan & Currier, Manchester					
Carrot, Danvers Half Long	3874	S	S	55	55
Cucumber, Improved Long Green	3873	S	S	80	80
Lettuce, Great Lakes	3880	S	S	80	80
FARMERS' FEED & SUPPLY CO., Berlin					
Farmers' Feed & Supply Co., Berlin					
Beans, Kentucky Wonder	4342	S	S	84	75
Beans, Burpee's Stringless Green Pod	4346	S	S	89	75
Beans, Dwarf Horticultural	4347	S	S	89	75
Corn, Golden Sunshine	4338	S	S	92	75
Corn, Golden Bantam	4344	S	S	82	75
Corn, Marcross	4345	S	S	95	75
FERRY-MORSE SEED CO., Detroit, Mich.					
Bartlett's Dept. Store, Pittsfield					
Beans, Bountiful Green Pod	3990	S	S	80	75
Beans, Kentucky Wonder	3991	S	S	85	75
Onion, Evergreen Bunching	3988	S	S	80	70
Parsnip, Hollow Crown	3989	S	S	70	60

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			(Note)		
FERRY-MORSE SEED CO., Detroit, Mich. (continued)					
Elm City Grain Co., Keene					
Corn, Golden Cross Bantam	3841	S	S	75	75
Peas, Morse's Progress	3842	S	S	85	80
Radish, Early Scarlet Turnip White Tipped	3839	S	S	90	75
Spinach, Long Standing Bloomsdale	3840	S	S	70	60
Neal Hardware, Madbury					
Endive, Full Heart Batavian	4182	S	S	80	70
Parsnip, Hollow Crown	4179	S	S	70	60
Radish, Early Scarlet Globe	4181	S	S	90	75
Turnip, Purple Top White Globe	4180	S	S	90	80
J. J. Newberry Co., Manchester					
Carrot, Danvers Half Long	3751	S	S	60	55
Corn, Golden Bantam	3750	S	S	75	75
Lettuce, Black Seeded Simpson	3749	S	S	90	80
Lima beans, Large White	3747	S	S	80	70
Pepper, Long Red Cayenne	3748	S	S	80	55
Tomato, Marglobe	3746	S	S	80	75
FREDONIA SEED CO., Fredonia, N. Y.					
Milligan & Currier, Manchester					
Beans, Golden Wax Bush	3871	S	S	80	75
Broccoli, Italian Green Sprouting	3881	S	S	75	75
Carrot, Danvers Half Long	3875	S	S	55	55
Corn, Golden Cross Bantam	3870	S	S	75	75
GARDNER, INC., Concord					
Gardner, Inc., Concord					
Beans, Black Wax	4323	S	S	..	75
Beans, Stringless Green Pod	4324	S	S	..	75
Carrot, Chantenay	4321	S	S	..	55
Cucumber, Boston Pickling	4319	S	S	..	80
Lima beans, Fordhook Bush	4322	S	S	..	70
Peas, Laxtonian	4325	S	S	..	80
Radish, Scarlet Globe	4320	S	S	..	75
Squash, Blue Hubbard	4326	S	S	..	75
CHAS. C. HART SEED CO., Wethersfield, Conn.					
Beard's General Store, Hillsboro					
Beans, Trout (Variety incorrect)	4297	S	26	85	75
Clark's Hardware, Manchester					
Beans, Dwarf Green Pod	4130	S	S	85	75
Beans, Kentucky Wonder Pole	4131	S	S	85	75
Beans, Dwarf Shell, Long Podded	4132	S	S	85	75
Peas, Laxton's Progress	4133	S	S	85	80
Fox Hardware, Penacook					
Cabbage, Copenhagen Market	3816	S	S	75	75
Holbrook Grocery Co., Keene					
Peas, Tall Telephone	4208	S	S	..	80
Peas, Blue Bantam	4209	S	S	85	80
Lewis Bros., Hardware, Lebanon					
Beans, Kentucky Wonder Pole	4111	S	S	85	75
Beet, Crosby's Egyptian	4110	S	S	90	65
Carrot, Danvers Half Long	4115	S	S	82	55
Peas, Hundredfold	4112	S	S	90	80
Peas, Dwarf Telephone	4113	S	S	85	80
Peas, Little Marvel	4114	S	S	85	80
Palmer Hardware, Farmington					
Carrot, Scarlet Nantes Coreless	4151	S	S	55	55
Carrot, Danvers Half Long Stump Root	4153	S	S	55	55
Cucumber, Improved Long Green	4152	S	26.5	80	80

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CHAS. C. HART SEED CO., Wethersfield, Conn. (Continued)					
Palmer Hardware, Farmington (continued)					
Parsley, Moss Curled	4156	S	S	60	60
Parsnip, Hollow Crown	4149	S	S	60	60
Radish, Cherry Belle	4154	S	S	75	75
Radish, Early White Tipped Scarlet	4155	S	S	75	75
Turnip, Yellow Globe	4150	S	S	80	80
Rand. Ball & King Co., Claremont					
Beans, Vermont Cranberry	4300	S	S	..	75
Carrot, Improved Long Orange	4302	S	S	78	55
Cucumber, Early White Spine	4304	S	S	90	80
Lima beans, Fordhook Bush	4303	S	30	85	70
Peas, Little Marvel	4298	S	S	85	80
Peas, Blue Bantam	4299	S	S	85	80
Peas, Nott's Excelsior	4305	S	S	90	80
Radish, Early Scarlet Globe	4301	S	S	90	75
BUDD D. HAWKINS, Reading, Vt.					
Bemis I. G. A., Walpole					
Beet, Early Blood Turnip	4244	S	S	65	65
Beet, Early Wonder	4245	S	S	65	65
Corn, Golden Bantam	4241	S	S	75	75
Peas, Laxton's Progress	4240	S	S	80	80
Radish, Long White Icicle	4242	S	S	75	75
Swiss Chard or Sea Kale Beet	4243	S	S	65	65
Cressy Hardware, Bradford					
Beet, Detroit Dark Red	4066	S	S	65	65
Carrot, Imperator	4063	S	S	55	55
Cauliflower, Earliest Snowball	4064	S	S	75	75
Muskmelon, Early Hackensack	4065	S	66	75	75
Farmington Flower Shop, Farmington					
Corn, Golden Bantam	4162	S	S	75	75
Peas, Tall Telephone	4163	S	S	80	80
Griffin Hardware, Newmarket					
Carrot, Nantes Coreless	3798	S	S	55	55
Cucumber, Improved Long Green	3797	S	56	80	80
Onion, Yellow Globe Danvers	3795	S	S	70	70
Parsnip, Imp. Hollow Crown	3799	S	S	60	60
Radish, Early Scarlet Turnip	3796	S	S	75	75
Lowe & Johnson, East Weare					
Cabbage, New Golden Acre	4097	S	S	75	75
Pepper, Improved Large Bell	4096	S	S	55	55
Turnip, Purple Top White Globe	4095	S	S	80	80
BILLY HEPLER SEED CO., Durham, N. H.					
Curtiss Hardware Co., Berlin					
Pepper, Merrimack Wonder	4383	S	S	80	55
Squash, Buttercup	4381	S	S	..	75
Squash, Butternut	4382	S	S	..	75
Merrimack Farmers' Exchange, Inc., Concord					
Tomato, N. H. Victor	3697	S	S	..	75
Watermelon, N. H. Midget	3698	S	S	..	70
N. H. State Industrial School, Manchester					
Beans, Pencil Pod Black Wax	3724	S	S	80	75
Beet, Detroit Dark Red	3712	S	S	85	65
Carrot, Red Core Chantenay	3721	S	S	75	55
Corn, Golden Cross Bantam	3716	S	S	90	75
Corn, Golden Rocket	3717	S	S	95	75
Peas, Freezonian	3720	S	82†	92	80
Radish, Early Scarlet Globe	3723	S	S	89	75
Spinach, Long Standing Bloomsdale	3711	S	72†	88	60
Squash, Royal Acorn	3713	S	S	90	75

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BILLY HEPLER SEED CO., Durham, N. H. (Continued)					
N. H. State Industrial School, Manchester (Continued)					
Swiss Chard, Fordhook Giant	3719	S	S	80	65
Tomato, N. H. Victor	3715	S	S	90	75
Tomato, Marglobe	3718	S	S	88	75
Turnip, Purple Top White	3722	S	S	90	80
Watermelon, Merrimack Sweetheart	3714	S	S	75	70
D. LANDRETH SEED CO., Philadelphia, Pa.					
Cavis Bros., Bristol					
Beet, Crosby's Egyptian	4259	S	S	70	65
Broccoli, Calabrese	4257	S	S	80	75
Celery, Giant Pascal	4258	S	36.5	60	55
Okra, Dwarf Prolific Long Green Pod	4254	S	S	60	50
Onion, Prizetaker	4251	S	S	70	70
Parsley, Hamburg Parsnip Rooted	4255	S	S	65	60
Rutabaga, Imp. Purple Top Yellow	4252	S	S	85	75
Squash, Early Summer Crookneck	4253	S	S	85	75
Turnip, Purple Top White Globe	4256	S	S	85	80
MANDEVILLE & KING CO., Rochester, N. Y.					
C. P. Stevens Co., Franklin					
Beet, Detroit Dark Red	4006	S	S	70	65
Corn, Golden Bantam	3999	S	S	80	75
Lettuce, Iceburg type	4001	S	S	85	80
Peas, Gradus	4005	S	S	85	80
Radish, Icicle	3998	S	S	80	75
Radish, Scarlet Globe	4000	S	S	80	75
Squash, Summer Crookneck	4003	S	S	80	75
Swiss Chard, Lucullus	4004	S	S	70	65
Tomato, Early Bonny Best	4002	S	S	80	75
MERRIMACK FARMERS' EXCHANGE, INC., Concord					
Merrimack Farmers' Exchange, Inc., Bradford					
Beans, Contender, 3-1-A	4033	S	S	..	75
Beans, Burpee's Stringless Green Pod	4035	S	S	..	75
Corn, Golden Bantam, Extra Early, 3-1-A	4034	S	S	..	75
Corn, Golden Sunshine, 3-1-E	4036	S	S	..	75
Merrimack Farmers' Exchange, Inc., Concord					
Peas, Merrimack Imp. Telephone, 3-1-B	4129	S	66	..	80
Tomatoes, N. H. Victor, 27-1-B	3710	S	S	..	75
Merrimack Farmers' Exchange, Inc., Derry					
Beans, Wade, 3-1-B	3752	S	S	..	75
Beans, Sure Crop Black Wax, 3-1-A	3754	S	S	..	75
Broccoli, Early Calabrese, 3-1-B	3755	S	S	..	75
Lettuce, Penn Lake, 3-1-A	3753	S	S	..	80
Mangels, Long Red, 3-1-C	3756	S	S	..	..
Swiss Chard, Lucullus, 3-1-A	3757	S	S	..	65
Merrimack Farmers' Exchange, Inc., Epsom					
Beans, Contender, 3-1-A	4265	S	S	..	75
Beans, Cherokee Wax, 3-1-E	4266	S	S	..	75
Beans, Wade, 3-1-B	4267	S	S	..	75
Beans, Trout, 35-1-D	4268	S	S	..	75
Merrimack Farmers Exchange, Inc., Exeter					
Beans, Kentucky Wonder Green Pole, 3-1-B	3838	S	S	..	75
Beets, Long Season, 30-1-D	3835	S	S	..	65
Lettuce, Imperial 44, 3-1-A	3833	S	74	..	80
Onions, Southport White Globe, 17-1-A	3834	S	S	..	70
Parsnips, Hollow Crown, 3-1-B	3836	S	S	..	60
Peas, Dwarf Telephone, 3-1-B	3837	S	S	..	80
Peppers, Merrimack Wonder, 17-1-A	3832	S	S	..	55

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MERRIMACK FARMERS' EXCHANGE, INC., Concord (continued)					
Merrimack Farmers' Exchange, Inc., Franklin					
Muskmelon, Bender's Surprise, 3-1-E	3867	S	S	..	75
Peas, World's Record, 3-1-B	3865	S	S	..	80
Squash, Table Queen, 3-1-A	3866	S	S	..	75
Swiss Chard, Lucullus, 3-1-A	3868	S	S	..	65
Turnip, Purple Top White Globe, 3-1-A	3869	S	S	..	80
Merrimack Farmers' Exchange, Inc., Goffstown					
Beets, Winter Keeper, 3-1-A	3944	S	S	..	65
Carrots, Long Orange, 3-1-A	3945	S	S	..	55
Corn, Spancross, 3-1-B	3946	S	S	..	75
Corn, Marcross, 6-1-A	3947	S	S	..	75
Corn, Golden Cross Bantam, 3-1-E	4289	S	S	..	75
Corn, Top Cross Maine Bantam, 3-1-B	4290	S	S	..	75
Corn, High Quality Seneca "60", 24-1-A	4291	S	S	..	75
Corn, Marcross, 3-1-A	4292	S	S	..	75
Merrimack Farmers' Exchange, Inc., Keene					
Cabbage, Danish Ballhead, 3-1-B	3828	S	S	..	75
Lettuce, Boston Curled, 3-1-A	3825	S	S	..	80
Lettuce, Progress, 3-1-A	3826	S	S	..	80
Radish, Scarlet Globe, 3-1-A	3827	S	S	..	75
Tomatoes, Marglobe, 3-1-A	3824	S	S	..	75
Merrimack Farmers' Exchange, Inc., Nashua					
Beans, Contender, 3-1-A	4283	S	S	..	75
Beets, Detroit Dark Red, 3-1-B	4286	S	S	..	65
Broccoli, Early Calabrese, 3-1-B	4288	S	S	..	75
Cabbage, Golden Acre, 3-1-D	4284	S	S	..	75
Carrots, Chantenay Red Core, 3-1-B	4287	S	S	..	55
Corn, Golden Crown, 24-1-E	4285	S	S	..	75
Cucumber, Highmoor, 3-1-B	4280	S	S	..	80
Lettuce, Penn Lake, 3-1-A	4282	S	S	..	80
Radishes, Cherry Belle, 3-1-B	4277	S	S	..	75
Squash, Baby Blue Hubbard, 27-1-E	4281	S	S	..	75
Tomato, Home Garden, 15-1-A	4278	S	S	..	75
Turnip, Purple Top White Globe, 3-1-B	4279	S	S	..	80
Merrimack Farmers' Exchange, Inc., Plymouth					
Beans, French Horticultural, 3-1-A	3847	S	S	..	75
Broccoli, Early Calabrese, 3-1-B	3845	S	S	..	75
Carrots, Imperator, 3-1-A	3846	S	S	..	55
Lima beans, Fordhook Bush, 242, 3-1-A	3843	S	49	..	70
Peas, Merrimack Improved Telephone, 3-1-B	3844	S	66	..	80
Merrimack Farmers' Exchange, Inc., Warner					
Beans, Yellow Eye, State of Maine, 4-1-A	4105	S	S	..	75
Beets, Early Wonder, 3-1-A	4102	S	S	..	65
Lettuce, A-36, 3-1-A	4103	S	S	..	80
Lettuce, Oak Leaf, 3-1-A	4104	S	S	..	80
Squash, Blue Hubbard, Colby strain, 14-1-E	4101	S	S	..	75
Merrimack Farmers Exchange, Inc., Woodsville					
Beets, Long Season, 30-1-D	4270	S	S	..	65
Cauliflower, Early Snowball, 3-1-A	4269	S	S	..	75
Lettuce, Early Prizehead, 3-1-B	4271	S	S	..	80
Lima beans, Fordhook Bush, 242, 3-1-A	4272	S	66	..	70
N. H. State Hospital, Concord					
Beets, Ohio Canner, F-260	3786	S	S	..	65
Carrot, Chantenay, 3-1-5	3783	S	S	..	55
Carrot, Hutchinson, 3-1-B	3792	S	S	..	55
Cucumber, Straight Eight, 3-1-B	3788	S	S	..	80
Cucumber, Longfellow, 1-216-C	3790	S	S	90	80
Parsnip, Hollow Crown	3784	S	S	..	60
Pepper, World Beater, 40508C	3793	S	S	80	55
Rutabaga Turnip, Yellow	3785	S	S	..	75
Squash, Golden Delicious, 9-477C	3787	S	S	..	75
Squash, Green Delicious, 3-1-B	3789	S	S	..	75
Turnip, White Egg, 34379C	3791	S	S	90	80

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MOULTON & GOODWIN, Portsmouth, N. H.					
Moulton & Goodwin, Portsmouth					
Beans, King Horticultural Pole	3956	S	S	90	75
Beans, Burpee's Stringless Green Pod	3959	S	S	90	75
Beans, Red Cranberry	3962	S	S	82	75
Beans, Fava	3963	S	S	85	75
Beets, Detroit Dark Red	3954	S	S	68	65
Cucumber, Straight Eight	3950	S	S	85	80
Parsnip, All American	3951	S	S	90	60
Peas, Little Marvel	3949	S	S	80	80
Squash, Giant Straightneck	3952	S	S	80	75
NORTHRUP, KING & CO., Minneapolis, Minn.					
Aubuchon Hardware & Dept. Store, Milford					
Beans, Tendergreen	3890	S	S	..	75
Cabbage, Danish Ballhead	3892	S	S	75	75
Squash, Butternut	3891	S	S	75	75
Derby's Dept. Store, Peterboro					
Beets, Extra Early Flat Egyptian	4074	S	S	65	65
Cabbage, Copenhagen Market	4076	S	S	75	75
Muskmelon, Honey Rock	4075	S	S	75	75
Parsnip, Hollow Crown	4073	S	S	60	60
General Mills, Inc., Nashua					
Beets, Extra Early Flat Egyptian	4045	S	S	65	65
Beets, Detroit Dark Red	4046	S	S	65	65
New Zealand Spinach	4047	S	S	60	40
Squash, Butternut	4048	S	S	75	75
Moreau's Dept. Hardware Store, Manchester					
Beets, Early Blood Turnip	3743	S	S	65	65
Carrot, Danvers Half Long	3741	S	S	55	55
Cucumber, Boston Pickling	3738	S	S	80	80
Onion, Yellow Globe Danvers	3740	S	S	70	70
Parsnip, Improved Hollow Crown	3737	S	S	60	60
Tomato, Bonny Best or John Baer	3742	S	S	75	75
THE PAGE SEED CO., Greene, N. Y.					
Seavey Hardware, Dover					
Corn, Golden Bantam	4173	S	S	85	75
Peas, Thomas Laxton	4176	S	S	90	80
Joslin Hardware, Wilton					
Carrot, Danvers Half Long	3897	S	S	80	55
Cauliflower, Early Snowball	3893	S	S	85	75
Onion, Prizetaker	3895	S	S	80	70
Radish, French Breakfast	3896	S	S	85	75
Rutabaga, American Purple Top Yellow	3894	S	S	85	75
Hammar Hardware, Nashua					
Beans, Bountiful	4043	S	S	80	75
Beans, Top Notch Golden Wax	4044	S	S	80	75
Egg Plant, Black Beauty	4042	S	S	65	60
Pumpkin, Connecticut Field	4041	S	S	80	75
Folansbee's Feed Store, Lebanon					
Beets, Detroit Dark Red	4021	S	S	80	65
Corn, Golden Sunshine	4024	S	S	80	75
New Zealand Spinach	4027	S	S	60	40
Radish, Scarlet China, Winter	4026	S	66.5	75	75
L. L. PEAVEY CO., INC., Portsmouth, N. H.					
L. L. Peavey Co., Inc., Portsmouth					
Beans, Dwarf Horticultural	3929	S	S	..	75
Corn, Golden Bantam	3935	S	S	..	75
Lettuce, Prizehead	3933	S	31	..	80
Lettuce, Black Seeded Simpson	3934	S	S	..	80
Lima beans, Bush	3928	S	S	..	70
Onions, Danvers Yellow Globe	3931	S	S	..	70
Peas, Improved Telephone	3930	S	S	..	80
Swiss Chard, Lucullus	3932	S	S	..	65

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J. B. RICE, JR., INC., Shushan, N. Y.					
Scruggs Hardware, Woodsville					
Beans, Cranberry	4236	S	61	85	75
Beans, Pencil Pod Black Wax	4237	S	S	85	75
Peas, Hopper	4238	S	S	85	80
Farmington Flower Shop, Farmington					
Carrots, Danvers Half Long	4157	S	S	85	55
Parsley, Moss Curled	4160	S	S	85	60
Parsnip, Hollow Crown	4159	S	S	85	60
Tomato, Pritchard	4161	S	S	80	75
Fox Hardware, Penacook					
Beans, Pencil Pod Black Wax	3820	S	S	90	75
Beans, Stringless Green Pod	3823	S	S	90	75
Carrot, Long Orange	3821	S	S	75	55
Lettuce, Big Boston	3822	S	S	85	80
Swiss Chard, Lucullus	3819	S	S	85	65
JEROME B. RICE SEED CO., Cambridge, N. Y.					
Clarke's Hardware, Manchester					
Cabbage, Savoy Perfection Drumhead	4136	S	S	..	75
Chives	4137	S	35	60	..
Lettuce, Great Lakes	4135	S	S	85	80
Radish, Rose China, Winter	4134	S	S	80	75
Lowe & Johnson, East Weare					
Beets, Early Wonder	4100	S	S	70	65
Cucumber, Straight Eight	4098	S	S	80	80
Endive, Moss Curled	4099	S	S	70	70
Neal Hardware, Madbury					
Lettuce, Slobolt	4177	S	S	80	80
Radish, Improved Scarlet Globe	4178	S	S	80	75
Turcotte's Hardware, Newmarket					
Cabbage, Copenhagen Market	3812	S	S	80	75
Carrot, Danvers Half Long	3811	S	S	55	55
Cauliflower, Early Snowball	3813	S	S	75	75
Onions, Large Red Wethersfield	3814	S	S	75	70
ROSS BROS CO., Worcester, Mass.					
Milligan & Currier, Manchester					
Broccoli, Italian Green Sprouting	3882	S	S	..	75
Carrot, Danvers Half Long	3885	S	S	..	55
Lettuce, Early Curled Simpson	3883	S	S	..	80
Radish, Early Scarlet Turnip	3884	S	S	..	75
Squash, Golden Hubbard	3872	S	S	..	75
SEARS ROEBUCK & CO., Chicago, Ill.					
Sears Roebuck & Co., Concord					
Beans, Bush Sure Crop Wax	3804	S	S	80	75
Lettuce, Great Lakes	3810	S	S	80	80
Onion, Red Wethersfield	3808	S	S	75	70
Parsnip, Hollow Crown	3807	S	S	65	60
Pumpkin, Kentucky Field	3805	S	S	80	75
Swiss Chard, Fordhook Giant	3806	S	S	65	65
Turnip, Purple Top Strap Leaf	3809	S	S	80	80
Sears Roebuck & Co., Keene					
Beans, Kentucky Wonder Pole, 4010	4396	S	S	80	75
Beans, Sure Crop Wax, 4022	4398	S	S	80	75
Lettuce, Great Lakes, 4148	4393	S	S	80	80
Lima beans, Fordhook Bush, 4026	4397	S	S	70	70
Onion, Yellow Globe Danvers, 4223	4395	S	S	75	70
Peas, Telephone, 4251	4399	S	S	80	80
Peas, Dwarf Telephone, 4237	4400	S	S	85	80
Radish, Early Scarlet Globe, 4277	4394	S	S	80	75

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SEARS ROEBUCK & CO., Chicago, Ill. (continued)					
Sears Roebuck & Co., Nashua					
Beans, Bush Stringless Tenderlong	4069	S	S	80	75
Carrot, Chanticleer	4067	S	S	55	55
Corn, Calumet	4068	S	S	85	75
F. B. SPAULDING CO., Lancaster, N. H.					
F. B. Spaulding Co., Lancaster					
Beans, Pencil Pod Black Wax	4348	S	S	85	75
Corn, Spancross	4350	S	S	85	75
Corn, Early Golden Bantam	4353	S	S	85	75
Peas, Blue Bantam	4349	S	S	80	80
Peas, Thomas Laxton	4352	S	S	85	80
STERLING SEED CO., Minneapolis, Minn.					
M. H. Fishman Co., Keene					
Broccoli, Green Sprouting	3852	S	S	..	75
Carrot, Nantes or Coreless	3853	S	S	..	55
Carrot, Improved Danvers Half Long	3886	S	S	..	55
Carrot, Chantenay Red Cored	3848	S	S	..	55
Cucumber, Straight Eight	3849	S	S	..	80
Lettuce, Iceburg	3851	S	S	..	80
Radish, Sparkler	3850	S	S	..	75
F. H. WOODRUFF & SONS, INC., Milford, Conn.					
Elm City Grain Co., Keene					
Beans, Burpee's Stringless Green Pod	4379	S	S	90	75
Corn, Black Mexican	4380	S	42	80	75
Exeter Feed & Supply Co., Inc., Exeter					
Beans, Pencil Pod Black Wax, 42834	4014	S	S	90	75
Beans, Topcrop, O-437a	4019	S	S	86	70
Beet, Early Wonder, 1-211c	4018	S	75†	85	65
Corn, Golden Cross Bantam Hybrid	4015	S	S	80	75
Parsnip, Hollow Crown, 9-452	4016	S	S	80	60
Peas, Early Gradus	4017	S	S	90	80
Squash, Golden Delicious, 9-477-C	4013	S	S	90	75
Squash, Butternut, 1-4225-1	4020	S	S	85	75
Granite State Feed Store, Hillsboro					
Beet, Crosby Egyptian	4309	S	S	85	65
Carrot, Danvers Half Long	4311	S	S	85	55
Cucumber, Long Green	4314	S	S	90	80
Lettuce, Black Seeded Simpson, 40499	4313	S	S	90	80
Radish, Special Scarlet Globe	4312	S	S	90	75
Squash, Red or Golden Hubbard, 9-480C	4315	S	S	90	75
Squash, Improved Hubbard	4316	S	S	90	75
Swiss Chard, Lucullus	4310	S	S	75	65
Merrimack Farmers' Exchange, Inc., Concord					
Beans, Sure Crop Wax	3686	S	S	81	75
Beans, Longreen, O-311C	3687	S	76†	87	75
Beans, French Horticultural	3688	S	S	85	75
Beans, Wade Bush	3691	S	S	88	75
Beans, Kentucky Wonder	3692	S	S	90	75
Beans, Cherokee Wax	3693	S	S	87	75
Corn, Bantam Evergreen, 41433	3699	None	S	..	75
Corn, Golden Sunshine	3700	S	S	90	75
Corn, Golden Early Market	3701	S	S	90	75
Corn, Marcross	3702	S	S	90	75
Corn, Carmelcross	3703	S	S	90	75
Corn, Golden Bantam, Extra Early	3704	S	S	90	75
Lima beans, Fordhook, U. S. 242, 1-3187	3685	S	46	85	70
Peas, Laxtonian, 41405	3689	S	80†	90	80
Peas, World's Record	3690	S	S	90	80
Peas, Laxtonian Progress	3694	S	S	90	80
Peas, Improved Telephone, 40604	3695	S	59	84	80
Peas, Dwarf Telephone	3696	S	S	90	80

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F. H. WOODRUFF & SONS, INC., Milford, Conn. (continued)					
Wirthmore Feed Store, Concord					
Beet, Detroit Dark Red	4083	S	S	85	65
Carrot, Danvers Half Long, 1-421	4077	S	S	85	55
Cucumber, Boston Pickling	4081	S	S	85	80
Cucumber, Improved Long Green	4082	S	S	90	80
Pumpkin, Connecticut Field	4084	S	S	80	75
Rutabaga, Long Island Improved	4079	S	S	90	75
Spinach, Bloomsdale Longstanding	4080	S	S	75	60
Swiss Chard, Lucullus	4078	S	S	75	65
S. D. WOODRUFF & SONS, INC., Orange, Conn.					
Checkerboard Feed Store, Concord					
Cabbage, Copenhagen Market	3902	S	S	75	75
Cabbage, Drumhead Savoy	3904	S	S	75	75
Carrot, Tendersweet	3900	S	S	70	55
Carrot, Hutchinson	3903	S	S	70	55
Celery, Giant Pascal	3899	S	S	70	55
Chinese Cabbage, Chihli	3901	S	S	75	75
Cucumber, Improved White Spine	3907	S	S	80	80
Lettuce, Romaine or Cos	3898	S	S	80	80
Lettuce, Oakleaf	3905	S	S	80	80
Lettuce, Iceberg	3906	S	S	80	80
Keene Hardware Co., Keene					
Beans, Tendergreen	4384	S	S	..	75
Beans, Bountiful	4385	S	S	..	75
Beans, Green Podded Pole	4386	S	S	90	75
Corn, Marcross	4387	S	S	90	75
Corn, Golden Cross Bantam	4388	S	S	90	75
Peas, World's Record	4389	S	S	90	80
Seavey Hardware, Dover					
Beet, Good for All	4172	S	S	75	65
Cucumber, Boston Pickling	4174	S	S	80	80
Kale, Dwarf Green Curled	4175	S	S	75	75
YOUNG'S HARDWARE, Exeter					
Young's Hardware, Exeter					
Beet, Crosby Egyptian	3768	S	S	79	65
Parsnip, Hollow Crown	3769	S	S	90	60
Pumpkin, Small Sugar	3771	S	S	76	75
Squash, Boston Marrow	3770	S	S	76	75

It is presumed that the following samples of seed were carried over by the dealer from the previous season; hence, the name of the wholesaler is omitted:

Colebrook Feed Co., Colebrook					
Beans, Vermont Cranberry	4337	None	21	..	75
Beans, Bush Goddard	4401	None	S	..	75
Corn, Golden Bantam	4332	None	S	..	75
Peas, Thomas Laxton	4333	None	S	..	80
Follansbee's I. G. A. Store, Bristol					
Peas, Nott's Excelsior	4190	3/1952	S	85	80
Moulton & Goodwin, Portsmouth					
Corn, Spancross	3953	None	S	..	75
Northwood Hardware, Northwood					
Corn, Golden Bantam	4264	None	S	..	75

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